

JANKOWSKI, W.; HOLOWNIA, J.; ZIEMSKI, Z.; BIRECKI, Wl.

Hearing disorders and their compensation after 16-hour rest in workers of a railroad repair shop. Med. pracy 5 no.6:399-406 1954.

1. Z kliniki otorinolar. A.M. i osrodka badawczo-leczniczego chorob zawodowych we Wroclawiu; kier. prof. dr. W.Jankowski.

(OCCUPATIONAL DISEASES

hearing disord. in workers of railroad repair shop, cure by rest)

(HEARING DISORDERS, etiology and pathogenesis

occup., noise in railroad repair shop, cure by rest)

(REST

in compensation of occup. hearing disord. in workers of railroad repair shop)

JANKOWSKI, Wiktor

Occupational diseases of the ear and upper respiratory tract.
Wiadomosci lek. 7 no.1:61-65 Jan. 54.

(HEARING DISORDERS,
occup.)

(RESPIRATORY TRACT, diseases,
occup. dis.)

(OCCUPATIONAL DISEASES,
hearing disord. & resp. tract dis.)

JANKOWSKI, Wiktor; BIRECKI, Wladyslaw

Residual hearing in deaf-mutism. Otolar. polska 8 no.3:183-195
1954.

1. Z Kliniki Oto-laryngologicznej Akademii Medycznej we Wroclawiu.
Kierownik: prof. dr T.Zalewski. I z Osrodka Badawczo-Leczniczego
dla Chorob Zawodowych. Kierownik: prof. dr. W.Jankowski.
(DEAF-MUTISM
residual hearing in)

JANKOWSKI, Wiktor; BIRECKI, Wladyslaw

Result of examination of deaf-mutes at the State Institute for Training of Handicapped in Wroclaw. Otolaryngologia 8 no.3:197-205 1954.

1. Z Kliniki Otolaryngologicznej we Wroclawiu. Kierownik: prof. dr T.Zalewski. I z Ośrodka Badawczo-Leczniczego dla Chorob Zawodowych. Kierownik: prof. dr W.Jankowski.

(DEAF-MUTISM

hearing tests, results)

(HEARING TESTS,

in deaf-mutism, results)

~~JANKOWSKI~~, Mektor; KUBRAKIEWICZ, Zbigniew

Giant cell tumor of the temporal bone. Otolaryng. polska 8 no.4:
329-332 1954.

1. Z Kliniki Laryngologicznej Akademii Medycznej we Wrocławiu.
Kierownik: prof. Dr. Jankowski i z Kliniki Radiologicznej A.M.
we Wrocławiu. Kierownik: prof. dr. Z.Kubrakiewicz

(TEMPORAL BONE, neoplasms,
giant cell tumor)

(GIANT CELL TUMORS,
temporal bone)

Excerpta Medica 3/4 sec 16 Apr 55 Cancer

1314. JANKOWSKI W. and GIBINSKI K. Klin. oto-laryng. Akad. med. i III. Klin. Chor. Wewnętrznych Akad. med. Wrocław. O przydatności cytologicznego badania rozmazów z dróg oddechowych dla rozpoznania nowotworów złośliwych *On the usefulness of cytological examination of the smears from the respiratory tract for the diagnosis of malignant neoplasms* Pol. Arch. Med. Wewnet. 1954, 24/1 (19-28) Tables 5 Illus. 11
In 100 cases, 376 smears according to Papanicolaou and 62 biopsies were examined. Of 62 cases with histologically confirmed malignant tumour the cytological examination was positive in 46 cases or about 75%, of 38 cases with non-malignant diseases in 14 cases or about 35%; the results of the cytological examinations were misleading and suggested the presence of a malignant growth.
Prujansky - Tel-Aviv

JANKOWSKI, Wiktor; IWANKIEWICZ, Stanislaw

Hearing in acute oxygen deficiency. Otolaryngologia 9 no.1:15-23
'55.

1. Z Kliniki Chorob Ucha, Nosy i Gardła Akademii Medycznej we Wrocławiu. Kierownik: prof. dr W. Jankowski. i z Głównego Ośrodka Badań Lotniczo-Lekarskich L.P.7. we Wrocławiu, Kierownik: lek. med. W. Kornaszkowski.

(HEARING, physiology
eff. of oxygen defic. in fliers)
(ANOXIA, effects
on hearing in fliers)

HOLOWNIA, Jan; JANKOWSKI, Wiktor; BIRECKI, Wladyslaw

Sounding of certain types of Bezold's tuning forks. Otolar.
polska 9 no.4:295-304 1955.

1. Z Katedry techniki Obdiorczej Politechniki we Wroclawiu
Kierownik: prof. mgr. ins. W. Rotkiewicz. z Kliniki Otola-
ryngologicznej A M we Wroclawiu. Kierownik: prof. dr W. Jan-
kowski.

(HEARING TESTS,
Bezold's tuning fork)

EXCERPTA MEDICA Sec.11 Vol.10/3 Oto-Rhino-Laryngo Mar57
JANKOWSKI W.

596. JANKOWSKI W., BIRECKI W., IWANKIEWICZ S. and ZIEMSKI Z. Klin. Oto-laryngol. A.M., i Ośrodka Badawczo-Leczniczego Chorób Zawodowych, Wrocław. *Uwagi w sprawie wyrównywania się ubytku słuchu po obciążeniu narządu słuchu tonem czystym. Remarks on the compensation of hearing loss after loading the organ of hearing with a pure sound OTOLARYNG. POL. 1956, 10/2 (145-148)
The authors describe their observations concerning the difference in the rapidity

JANKOWSKI, Wiktor; ZARZYCKI, Jan; HANDZEL, Leon

Formation of peritonsillar abscesses; preliminary communication.
Otolaryngol. polska 10 no.3-4:389-393 1956.

1. Z Kliniki Otolaryngologicznej A.M. we Wrocławiu, Kierownik:
prof. dr. W. Jankowski. Z Zakładu Histologii i Embriologii A.M.
we Wrocławiu Kierownik: prof. dr. Z. Sembratowa, Wrocław,
Chalubinskiego 2.

(TONSILS, abscess,
peritonsillar (Pol))

Jankowski, W.

POLAND/Acoustics.

J

Abs Jour: Referat Zhur-Fizika, 1957, No 4, 10253

Author : Holownia, J., Jankowski, W., Birecki, W.

Inst :

Title : Use of Tuning Forks for Otological Investigations of the Conductivity of Air.

Orig Pub: Zesz. Nauk. politechn. wrocl., 1956, No 11, 109-130

Abstract: Usually in the investigation of hearing, carried out with the aid of a tuning fork, one assumes that the sound level attenuates linearly and is determined by the relation $i = i_0 - at \left[g \delta \right]$, where i_0 is the initial level, and t the time of attenuation of sound in one second/sec!/. To determine the errors in the measurements with tuning forks, an experimental investigation was made of the most frequently employed set of tuning forks of the Betzold type. Measurements were made of the initial level of the sound, the speed of attenuation, and the characteristics of

Card : 1/2

JANKOWSKI, WIKTOR

SLOMSKA, Janina; PODWINSKA, Jadwiga; JANKOWSKI, Wiktor; BIELICKA, Elzbieta

Effect of tonsillectomy on bacterial flora of the throat & antistreptolysin level of blood. Arch. immun. ter. dosw. 5:299-313 1957.

(TONSILLECTOMY, eff.

on Streptoc. pyogenes incidence in throat & antistreptolysin level of blood)

(STREPTOCOCCAL INFECTIONS

eff. of tonsillectomy on Streptoc. pyogenes incidence in throat (Pol))

(ANTISTREPTOLYSIN, in blood

O, eff. of tonsillectomy (Pol))

JANKOWSKI, W.

HOLOWNIA, J.; JANKOWSKI, W.; BIECKI, W.

lamp hearing aids & their possibilities. Otolar. polska 11 no.1:35-48
1957.

1. Z Politechniki Wrocławskiej i z Kliniki Otolaryngologicznej A. M.
we Wrocławiu Kierownik: Prof. dr W. Jankowski.

(HEARING AIDS

lamp hearing aids, method of evaluating properties for
med. use (Pol))

HOŁOWNIA, Jan; JANKOWSKI, Wiktor; BIRECKI, Wladislaw

Acoustic conditions in the Otolaryngological Clinic at Wroclaw. Otolar.
polska ll no.3:229-238 1957.

(NOISE, eff.

acoustic cond. in otolaryngol. clinic on course of ther.
(Pol))

(HOSPITALS,
same)

EXCERPTA MEDICA Sec.11 Vol.10/9 Oto-Rhino-Laryngo Sept57
JANKOWSKI W.

1733. JANKOWSKI W., BIELICKA E., SLOMSKA J. and PODWIŃSKA J. Klin. Oto-Laryngol. A.M., Wrocław, Inst. Immunol. i Terap. Doświadczalnej PAN, Wrocław. *Oznaczanie poziomu antystreptolizyny we krwi, jako próba określająca stan kliniczny migdałków. The significance of the anti-streptolysin level in the blood as the test determining the clinical condition of the adenoids POL. TYG. LEK. 1957, 12/17 (647-649)

the authors determined the antistreptolysin level in the blood before and after the operation of removal of the adenoids. In certain cases antistreptolysin titre O may help to establish indications in operation.

JANKOWSKI, W.; KOSSOWSKI, S.; BIRECKI, W.; ZIEMSKI, Z.

Role of Feldmann's test in diseases of the auditory organ in clinical conditions. Otolaryngologia 15 no.3:277-280 '61.

1. Kliniki Otolaryngologicznej AM we Wrocławiu Kierownik: prof. dr med. W. Jankowski.

(HEARING TESTS)

JANKOWSKI, Wiktor; IWANKIEWICZ, Stanislaw

Role of distorted speech in a clinic for hearing disorders. Otolaryng.
Pol. 16 no.1a:193-200 '62.

1. Z Kliniki Otolaryngologicznej AM we Wroclawiu Kierownik: prof. dr
W. Jankowski.

(DEAFNESS) (SPEECH DISORDERS)

JANKOWSKI, Wiktor; GIELDANOWSKI, Jerzy; BIRECKI, Wladyslaw

Effect of some vasidilator drugs on the microphonic potential of the cochlea. Otolar. polska 16 no.2:331-336 '62.

1. Z Kliniki Otolaryngologicznej AM we Wroclawiu Kierownik: prof. dr. W. Jankowski i z Zakladu Farmakologii AM we Wroclawiu Kierownik: prof. dr J. Hano.

(VASODILATOR AGENTS pharmacol) (COCHLEA pharmacol)

JANKOWSKI, Wiktor; GIELDANOWSKI, Jerzy; BIRECKI, Wladyslaw

Changes of the microphone potential in acute irreversible anoxia.
Otolaryng. pol. 16 no.3:465-468 '62.

1. Z Kliniki Otolaryngologicznej AM we Wroclawiu Kierownik: prof.
dr W. Jankowski i z Zakladu Farmakologii AM we Wroclawiu Kierownik:
prof. dr J. Heno.

(ANOXIA)

(COCHLEA)

JANKOWSKI, Wiktor; GIELDANOWSKI, Jerzy; BIRECKI, Wladyslaw

Microphonic potentials in hypothermia. Otolaryng. pol. 17
no.2:137-141 '63.

l. Z Kliniki Otolaryngologicznej AM we Wroclawiu Kierownik
prof. dr W. Jankowski Z Zakladu Farmakologii AM we Wroclawiu
Kierownik: prof. dr J. Hano.
(CATS) (HYPOTHERMIA, INDUCED) (HEARING TESTS)

POLAND

JANKOWSKI, Miktor and KAMNICKI, Tadeusz, Otolaryngological Clinic (Klinika Otolaryngologiczna), AM [Akademia Medyczna, Medical Academy] in Wrocław (Director: Prof. Dr. med. A. JANKOWSKI)

"A Case of Familial Scleroma."

Warsaw-Krakow, Przebieg Lekarski, Vol 19, Ser II, No 7, 21 Jul 59, pp 324-326

Abstract: [Authors' English summary] The authors present the case of a family, in which 5 out of 11 members suffered from scleroma and were treated at the clinic for a number of years. Smears to ascertain the presence of *M. rhinoscleromae* were positive for 3 members of the family, and the serological tests -- for 7. The authors cite cases of familial scleroma from the literature. There are 25 references: mostly Soviet and German.

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JANKOWSKI, Wiktor; GLELDANOWSKI, Jerzy; BIRECKI, Wladyslaw

The effect of the vegetative nervous system on the behavior
of microphonic potentials in the organ of Corti. Arch. Immun.
ther. exp. 12 no.5:611-623 '64

1. Otolaryngologic Clinic, School of Medicine, Wrocław, and
Department of Pharmacology, School of Medicine, Wrocław.

JANKOWSKI, Wiktor; GIELDANOWSKI, Jerzy; ZIEMSKI, Zbigniew

Microphonic potentials in covering the tympanic membrane with fluids of various densities. Otolaryng. Pol. 18 no.4:459-462 '64.

1. Z Kliniki Otolaryngologicznej Akademii Medycznej we Wrocławiu (Kierownik: prof. dr. W. Jankowski) i z Zakładu Farmakologii Akademii Medycznej we Wrocławiu (Kierownik: prof. dr. J. Hano).

JANKOWSKI, Wiktor; ZIEMSKI, Zbigniew; GIELDANOWSKI, Jerzy; BIRECKI,
Wladyslaw

Myringoplasty and microphonic potentials. Otolaryng. Pol. 18
no.4:463-466 '64

1. Z Kliniki Otolaryngologicznej Akademii Medycznej we Wroc-
lawiu (Kierownik: prof. dr. W. Jankowski) i z Zakladu Farma-
kologii Akademii Medycznej we Wroclawiu (Kierownik: prof. dr.
J. Hancock).

JANKOWSKI, Wiktor, prof. dr med.

A case of familial scleroma. Przegl lek 19 no.7: 324-326 '63.

1. Otolaryngological Clinic, School of Medicine, Wrocław. Head:
Prof. dr med. W. Jankowski.

JANKOWSKI, Wiktor; GIELDANOWSKI, Jerzy; BIRECKI, Wladyslaw

The autonomic nervous system and microphonic potentials of the organ of Corti. I. The synpathetic nervous system. Otolaryng. Pol. 18 no.1:33-38 '64.

1. Z Kliniki Otolaryngologicznej Akademii Medycznej we Wroclawiu (Kierownik: prof. dr W. Jankowski). i z Zakladu Farmakologii Akademii Medycznej we Wroclawiu (Kierownik: prof. dr J. Hano).

JANKOWSKI, Wladyslaw, mgr., inz.; KUBICKI, Jerzy, mgr., inz.; JANUSZEWICZ,
Krystyna, mgr., inz.; DOMANSKA, Hanna, mgr., inz.; SAWICKI, hipolit.,
mgr., inz.; GACIARZ, Kazimierz, mgr., inz.

A chemical combine for Turkey. Architektura Pol no.10:384-385 '61.

BARCISZEWSKI, Marian; JANKOWSKI, Włodzimierz; STACHOWSKA, Zofia.

Sporadic cases of typhus. Przegl. epidem. 8 no.2:113-116 1954.

1. Z Wojewódzkiego Szpitala Zakaznego im. Tadeusza Browicza i z
Wojewódzkiej Stacji Sanitarno-Epidemiologicznej w Bydgoszczy.
(TYPHUS, epidemiology,
Poland)

S/035/62/000/005/078/09B
A055/A101

AUTHOR: Jankowski Wojciech

TITLE: German map (scale 1 : 25,000) of Polish territories east of the Oder-Neisse line. Part 1, Part 2

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 5, 1962, 22-23, abstract 5G139 ("Przegł. geod.", 1961, 33, no. 11, 417-422, no. 12, 458-462; Polish)

TEXT: The map drawn up by the plane-table surveying method during the period 1870 - 1930 is described in detail. Approximately 1340 sheets of this map cover Polish territories east of the Oder-Neisse line. The map is drawn up in the Müfling projection. Owing to the transition to the Gauss-Krüger projection, a kilometric network, calculated for this projection, was plotted on the sheets being published. Based on articles published in the literature, the author gives a high estimation of the described map accuracy. There are 30 references. ✓

D. K.

[Abstracter's note: Complete translation]

Card 1/1

JANKOWSKI, Z.

"Researches Concerning the Chemical Composition of Sheep's Milk and Whey." p. 459
(Dziennik Urzędowy, No. 4, 1953, Warszawa)

SO: Monthly List of East European Accessions Library of Congress, Vol. 3, No. 6, June.
1954, Incl.

JANKOWSKI, T.

The sheet-metal products industry at the 28th Poznan International Fair. p. 261.

PRZEGLAD MECHANICZNY. (Stowarzyszenie Inznerow i Technikow Mechanikow Polskich)
Warszawa, Poland. Vol. 17, no. 5, May 1958.

Monthly List of East European Accessions (EEAI) LG, Vol. 9, no. 2, Feb. 1959.
Uncl.

JANKOWSKI, Z.

TECHNOLOGY

Periodicals: ENERGETYKA Vol. 12, no. 10, Oct. 1958

JANKOWSKI, A. Transformer coupling between the compensated network and the grounded network. Pt. 1. (To be contd.) p. 290.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

HERMAN, Alojzy, inż.; KOLIS, Jan, inż.; PUTYNSKI, Zbigniew, inż.;
LUKOMSKI, Antoni, technik; JANKOWSKI, Zdzisław, technik;
MALINOWSKI, Tadeusz, technik; GIERLICZ, Kazimierz, technik

Vapor heat recovery from evaporators for heating distilling
apparatus in alcohol distilling plants. Gosp paliw 11
Special issue no.(95):9 Ja '63.

1. Sieradzka Gorzelnia Przemyslowa, Sieradz.

WOJTKIEWICZ, Wincenty; JANKOWSKI, Zdzislaw

Some reactions of O-benzolsulfo-2-aminophenol and its derivatives. Chemia Lodz no. 13: 39-45 '63.

1. Katedra Technologii Barwnikow, Politechnika, Lodz.

WOJTKIEWICZ, Wincenty; JANKOWSKI, Zdzislaw

Synthesis of some 2-naphtholmonosulfonamides. *Chemia*
Lodz no. 13: 47-58 '63.

1. Katedra Technologii Barwnikow, Politechnika, Lodz.

WOJTKIEWICZ, Wincenty; JANKOWSKI, Zdzislaw

Chlorosulfonation of 2-naphthylamine-1-sulfo acid and certain properties of 2-naphthylamine-5-sulfonamid-1-sulfo acid. Chemia Lodz no.14:71-85 '64.

1. Department of Technology of Dyes, Technical University, Lodz.

MOTL, O.; JANKU, I.; RASKOVA, H.

Physiological active hydrocarbon fraction of juniper berry oil. Cesk. farm. 4 no.5:240-243 June 55.

1. Z chemickeho ustavu CSAV, oddeleni prirodnych latek a z Farmakologickeho ustavu KU) v Praze.

(FRUITS

juniper berry hydrocarbon fractions, physiol. activity)

CZECHOSLOVAKIA/Cultivated Plants - Medicinal. Essential Oil-Bearing. M
Toxins.

Abs Jour : Ref Zhur Biol., No 12, 1958, 53873

Author : Janku, I., Hava, M., Mottl, O.

Inst : -

Title : On the Diuretic Effect of Substances Contained in the
Juniper Fruit.

Orig Pub : Chemotherapeutika. Praha, L. Farmac. sympos. 1956, 129

Abstract : It was determined at the Chemical Institute of the
Academy of Sciences of CzSv that terpinol-4 contained
in the juniper fruit has diuretic effect which surpasses
the effect of caffeine and in this respect is close to
mercury preparations. -- A.G. Vyatkina

Card 1/1

- 154 ..

JANKU, I.

HAVA, M.; JANKU, I.

The pharmacology of camomile and juniper. Rev. Czech. M. 3 no.2:
130-138 1957.

1. Pharmacological Laboratory, Czechoslovak Academy of Science,
Prague. Director: Prof. H. Raskova.

(PLANTS

camomile & juniper, pharmacol., review)

KRAUS, R.; JANKU, I.; HAVA, M.; CAPEK, R.

Development of experimental gastric ulcers. Cas. lek. cesk. 97 no.20:
617-619 16 May 58.

1. Embryologicky ustav Karlovy university, prednosta prof. Dr. Z.
Frankenberger a Farmakologicka laborator Chemickeho ustavu CSAV, vedouci
prof. Dr. H. Raskova. R. L., Praha 2, Albertov 4.

(PEPTIC ULCER, exper.

histol. findings in rats (Cz))

HAVA, M.; JANKU, I.

Effect of apigenine on capillary permeability. *Cesk. fysiол.* 7 no.5:
464-465 Sept 58.

1. Farmakologicka laborator Chemického ustavu CSAV, Praha.
(FLAVONES, effects,
apigenine, on capillary permeability (Cz))
(CAPILLARY PERMEABILITY, eff. of drugs on,
apigenine (Cz))

~~JANKU, I~~

Characteristics of spasmolytic action of apigenine. Cesk. fysiол. 7 no.5:
483-484 Sept 58.

1. Farmakologicka laborator Chemickeho ustavu CSAV, Praha.
(FLAVONES, effects,
apigenine, spasmolytic eff. (Cz))
(MUSCLE RELAXANTS,
spasmolytic eff. of apigenine (Cz))

RASHKOVA, Ye. [Baškova, E], YANKU, I. [Janku, I.]

Pharmacology of certain ammonia derivatives of terpenes.
Farm. i toks. 21 no.5:26-27 S-O '58 (MIRA 11:11)

1. Farmakologicheskaya laboratoriya Khimicheskogo instituta Chekho-
slovatskoy AN i kafedra farmakologii pediatricheskogo fakul'teta
karlova universiteta v Prage.

(TERPENES,

ammonia deriv., pharmacol. (Rus))

(AMMONIA,

terpene deriv., pharmacol. (Rus))

SEDA, M.; JANKU, I.

Central effect of a series of C-16 brominated androgens. *Cesk. fysiол.*
8 no.5:459-460 S '59

1. Farmakologicka laborator Chemickeho ustavu CSAV, Praha.
(ANDROGENS pharmacol.)
(CENTRAL NERVOUS SYSTEM pharmacol.)

HAVA, M.; WAITZOVA, D.; JANKU, I.

Role of apigenine in the effect of histamine on isolated muscle.
Acta physiol. polon. 10 no.2:253-254 Mar-Apr 59.

1. Z Zakładu Farmakologii Ciężar i z Zakładu Farmakologii Wydziału Pediatrycznego w Pradze.

(MUSCLES, eff. of drugs on,
histamine on isolated musc., eff of apigenine (Pol))

(HISTAMINE, eff.
on isolated musc., eff. of apigenine (Pol))

(FLAVONES, effects,
apigenine on isolated musc. reaction to histamine (Pol))

KRAUS, R.; JANKU, I.

Quantitative values of fat cells in experimental gastric ulcerations in rats. Cesk. fysiол. 9 no.1:30-31 Ja 60.

1. Embryologicky ustav fak. vseob. lek. KU. Laborator pro farmakologii CSAV, Praha.

(PEPTIC ULCER, pathol.)

JERICKA, Z.; JANKU, I.

On the toxicology of sodium selenite. Cesk.fysiol. 9 no.3:291-292
My '60.

1. Farmakologicka laborator Chemickeho ustavu CSAV, Praha
(SELENIUM toxicol)

JANKU, I.

7

1. Das familiäre Periodontitis, von 17, 20 15, 12 Apr 62

2. Parodontitis in der Kindheit, von 17, 20 15, 12 Apr 62

3. Parodontitis in der Kindheit, von 17, 20 15, 12 Apr 62

4. Parodontitis in der Kindheit, von 17, 20 15, 12 Apr 62

5. Parodontitis in der Kindheit, von 17, 20 15, 12 Apr 62

6. Parodontitis in der Kindheit, von 17, 20 15, 12 Apr 62

7. Parodontitis in der Kindheit, von 17, 20 15, 12 Apr 62

CZECHOSLOVAKIA

K. MASEK and I. JANKU, Central Pharmacology Laboratory of the Czechoslovak Academy of Sciences (Ústřední farmakologická laborator CSAV [Československé Akademie Věd]) Chief (vedoucí) Prof. Dr. M. RASKOVA, DrSc, Prague.

"Effect of Some Substances on Intoxication with Shigella shigae Toxin."

Prague, Casopis Lekaru Ceskych, Vol 102, No 7, 15 Feb 63; pp 185-188.

Abstract [English summary modified]: Either acetamin 0.2 mg./Kg. i.v. or reserpine (1 mg./Kg. s.c. to mice kept at 4° centigrade for 4 hours before inoculation) 1 to 48 hours before lethal dose (4×10^5 cc) of Shigella shigae toxin significantly prolonged life; reserpine without cold had less but still significant effect; dibenzamine, chlorpromazine, pentamethonium, hydrocortisone, norepinephrine and cold alone had no significant effect; epinephrine, iproniazid and pyrogallol significantly shortened survival time. Six graphs, 13 references: 12 English-language, 1 unpublished data by authors.

1/1

I. 13243-66

ACC NR: AP6006047

SOURCE CODE: CZ/0053/65/011/004/0296/0296

AUTHOR: Janku, I.; Bignami, G.; Bovet, D.

ORG: Institute of Pharmacology, CSAV, Prague (Farmakologicky ustav CSAV); Chemical Therapeutic Laboratory, National Institute of Health, Rome (Laboratori di Chimica Terapeutica Istituto Superiore di Sanita)

TITLE: Effect of nicotine, thyroxine, methylthiouracil and their combinations on formation of defense conditioned reflexes in mice [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 296

TOPIC TAGS: mouse, conditioned reflex, drug effect, nervous system drug, pharmacology, thyroid gland

ABSTRACT: Nicotine had a strong effect in facilitating the establishment of conditioned reflexes in rats; this effect was independent of the functional condition of the thyroid gland. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 005 / SOV REF: 001

Card 1/1

L 13234-66 EWT(m)/EWP(j)/EWA(c) RM

ACC NR: AP6006056

SOURCE CODE: CZ/0053/65/014/004/0300/0300

AUTHOR: Krsiak, M.; Janku, I.; Volicer, L.

30
B

ORG: Institute of Pharmacology, CSAV, Prague (Farmakologicky ustav CSAV)

TITLE: Correlation of some central effects of 6-azauracil and its riboside [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 300

TOPIC TAGS: heterocyclic base compound, conditioned reflex, drug effect, pharmacology, nervous system drug, organic nitrogen compound, carbohydrate

ABSTRACT: Both azauracil and azauracil riboside had conditioned reflex-facilitating effect, also induced motor incoordination and analgesia; an antinicotinic effect was present at the lowest dose and apparently specific; the base was stronger than the riboside. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 005

Card 1/1

L 13225-66 EWP(j)/EWA(c) RM

ACC NR: AP6006081

SOURCE CODE: CZ/0053/65/011/004/0312/0312

AUTHOR: Smetana, R.; Novotny, J.; Raskova, H.; Janku, I.

ORG: Institute of Pharmacology, CSAV, Prague (Farmakologicky ustav CSAV)

TITLE: Comparative studies of the deamination of 6-azacytidine / [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 312

TOPIC TAGS: biologic metabolism, experiment animal, heterocyclic base compound, organic nitrogen compound, biochemistry

ABSTRACT: Study of metabolism of 6-azacytidine in vivo (urinary metabolism) and in tissue homogenates in mice, rats, guinea pigs, dogs, rabbits and cats indicates deamination to 6-azauridine, which is then excreted; 25-38% of the dose in all but rats (4%); the latter animals had no organ with pronounced deamination activity; in the other animal studies, deamination occurred in the liver, ileum and kidneys primarily. 6-azacytidine seems to cause all the effects mainly through its metabolite, 6-azauridine. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 005

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29
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CZECHOSLOVAKIA

KRSIAK, M.; JANKUL, I.; Pharmacological Institute, Czechoslovak Academy of Sciences (Farmakologicky Ustav CSAV), Prague.

"Measurements of the Dynamics and Intensity of Small Doses of Depressants by Means of the Investigative Activity of Mice."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 416

Abstract: Advantages of using the investigative activity of mice for the determination of the dynamics and intensity of depressants are discussed. Details of tests made with barbital (5 and 10 mg/kg) and with chlorpromazine (0.8 mg/kg) are described. 2 Western, 2 Czech references. Submitted at 14 Days of Pharmacology at Smolenice, 17 Feb 66.

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CZECHOSLOVAKIA

KRSIAK, M.; JANKU, I.; Pharmacological Institute, Czechoslovak Academy of Sciences (Farmakologicky Ustav CSAV), Prague

"Exploratory Activity of Mice in Studies of Psychotropic Drugs. - Contribution to the Analysis of Experimental Conditions."

Prague, Activitas Nervosa Superior, Vol. 8, No 4, Nov 66, pp 435 - 436

Abstract: The exploratory activity of mice is influenced very easily by psychotropic drugs. Best set of conditions for the determination of this activity is discussed; the amount of light, size of the cage, and other factors are described. The escape activity in new surroundings is usually motivated by fear; it seems therefore that the initial freezing and the subsequent increased activity are also motivated by fear. 1 figure, 6 Western, 3 Czech references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66.

1/1

JANKŮ J.

EXCERPTA MEDICA Sec.12 Vo.11/6 Ophthalmology June 57

1013. JANKŮ J. Oční Klín. LHF, Praha. * Klinický obraz lymfosarkomu oční spojivky, jeho průběh za aplikace aktinoterapie. Clinical picture of lymphosarcoma of the conjunctiva and its course following X-ray treatment ČAS. LÉK. ČES. 1956, 95/44-45 (1233-1235) Illus. 2

Report on a case of conjunctival lymphosarcoma. The tumour penetrated into the iris causing secondary glaucoma. It was excised partially and histological examination showed it to be an atypical dictyocytary lymphosarcoma. Intensive X-ray treatment was administered and the growth healed locally in a relatively short time. Nine months later generalized metastatic spread occurred and the patient died from intercurrent bronchopneumonia. Zahn - Prague (XII, 16)

JANKU, J.; KOLDOVSKY, O.; MALEC, Z.

Apparatus for indicating the times of death of small laboratory animals kept in tens of cages. *Physiol. bohemoslov.* 11 no.3:249-256 '62.

1. Institute of Physiology, Czechoslovak Academy of Sciences, Prague.

(DEATH) (ANIMALS, LABORATORY)

JANKU, Jan V., inz.

Plastic sheathed telephone cables. Cs spojce 10 no.1:3-5 F '65.

23533

Z/037/61/000/004/001/004
E024/E435

9,4330

AUTHORS:

Marek, A., Malec, Z. and Janků, J.

TITLE:

The Tunnel Diode

PERIODICAL: Československý časopis pro fyziku, 1961, No.4, pp.291-306

TEXT: The current-voltage characteristics of tunnel diodes are usually explained with the aid of band theory and the tunnel effect. In order to account for the so-called excess current, localized energy levels in the barrier region have to be invoked. The authors suggest a series of assumptions which might qualitatively explain the characteristic curves of tunnel-diodes, including the region of excess current, without localized levels. The suggested hypothesis has neither been worked out in detail nor has it been tested experimentally. It includes the assumption of tunnelling from the conduction band of the n-region into the conduction band of the p-region and from the valence band of the n-region into the valence band of the p-region. The authors further discuss the measurement of characteristic curves by d.c. methods. To avoid oscillations, the total resistance of the measuring circuit must be smaller than the absolute value of the negative resistance of the

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The Tunnel Diode

diode. Similarly, the inductance of the circuit must be kept as low as practicable. The voltage-current curve in the vicinity of zero voltage was found to be parabolic for some, but not for all, samples of tunnel diodes. The equivalent circuit of the tunnel diode for small signals in the region of negative resistance consists of the negative resistance R_N , shunted by the capacitance C , and the resistance R_S and inductance L_S in series with these. The limiting frequency is given by

$$f_{max} = \frac{1}{2\pi R_N C(U)} \sqrt{\frac{R_N - R_S}{R_S}} \quad (12)$$

The diode can be used in three different types of circuit: oscillators, amplifiers and switching circuits. In amplifier and oscillator circuits, the output impedance "seen" by the diode must be larger than the absolute value of the negative resistance. In an oscillator, the output impedance R_0 must fulfil the further condition

$$R_0 \leq \frac{L}{C |R_N|}$$

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If the diode is used in a tuned amplifier, the above inequality must be reversed. The amplification factor of a tunnel diode can be very large but, in practice, tuned amplifiers are used to assure stability. In a switching circuit, R_0 must be smaller than $|R_N|$. The switching time is of the order of 10^{-10} sec. Various switching circuits using tunnel diodes are discussed in Ref. 4 (Lesk, I.A., Electronics 32 (1959), 60). Finally, the authors discuss very simple circuits using tunnel diodes. The simplest oscillator using such a diode consists of a 1.5 V battery in series with a resistance of 40 ohms and a tunnel diode. The diode is shunted by a wire-wound resistor of 6 ohms. This oscillator produces a peak-to-peak signal of 100 mV at 5 to 10 Mc/sec. An equally simple bi-stable circuit can be constructed.

Acknowledgments are expressed to Professor M.Vul, Moscow; Engineer J.Karlovský and Doctor H.Frank of VUST, Prague. There are 13 figures, 2 tables and 22 references: 2 Soviet-bloc and 20 non-Soviet-bloc. The references to the four most recent English language publications read as follows: Pucel, R.A.: Electrical Manufacturing 65 (1960), 72; Scarr, R.W.A.: British Communications and Electronics 7 (1960) 254; Mead C.A.: Proc. IRE

Card 3/4

JANKU, Jan, inz.; MALEC, Zdenek, inz.

Design elements for digital automation. Automatizace 4 no.11:332-336
N '61.

1. Vyzkumny ustav matematickych stroju, Praha.

(Electronic calculating machines)

23572

Z/039/61/022/004/001/003

E024/E335

9,4330

AUTHORS: Janků, Jan, Engineer and Malec, Zdeněk, Engineer

TITLE: The Tunnel Diode

PERIODICAL: Slaboproudý obzor, 1961, Vol. 22, No. 4,
pp. 194 - 201

TEXT: The tunnel diode differs from other active semi-conductor components in that the transport of carriers occurs instantaneously by tunnelling rather than within a finite time determined by the mobility of minority carriers. Therefore, the tunnel diode is capable of working in the microwave region and its characteristic curve, with its negative resistance region, is practically independent of temperature within a wide range. The action of the tunnel diode is explained by the tunnelling of carriers from the conduction band of a highly doped n-region through a thin barrier into the valence band of a highly doped p-region. The small signal electrical properties of a tunnel diode in the region of negative resistance can be expressed by an equivalent circuit
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The Tunnel Diode

consisting of an inductance L_g , in series with the negative resistance R_n shunted by the capacitance C . Further in series is the resistance R_s . In the region of the working point U_o, I_o , the characteristic curve can be linearised so that:

$$i - I_o = - \frac{1}{R_n} (u - U_o) \quad (1)$$

where R_n is the absolute value of the negative resistance at the working point. This resistance is shunted by the junction capacitance C , which we consider constant for small signals. R_s includes the resistance of the leads and losses in the crystal. L_g is the inductance of the leads. The impedance of the diode follows from the equivalent circuit. The limiting
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The Tunnel Diode

frequency of the diode is given by Eq. (14) and is of the order of magnitude of Gc/sec:

$$\omega_m = \frac{1}{R_n C} \sqrt{\frac{R_n - R_s}{R_s}} \quad (14) .$$

Tunnel diodes can be used in a variety of circuits and the paper discusses their use in amplifiers and in switching circuits. Because of its basic dipole nature it is difficult to use the tunnel diode in multistage amplifiers. The problem of isolating the stages has been successfully overcome only in the microwave region (Ref. 12 - Chirilian, P.M., Proc. IRE 48, 1960, No. 6). The difficulty of the bilateral character of the tunnel diode is also encountered in its application as a switching element in counting circuits. The system can be made unilateral by the use of several diodes in Card 3/10

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The Tunnel Diode

each counting stage (Ref. 11 - E. Goto, Trans. IRE EC-9, 1960, No. 1). The most important parameters for the application of tunnel diodes are I_p , U_p , I_v , ω_m . The ratio I_p/I_v , together with the value of I_p , determine the range of negative resistance. The highest possible values of this ratio are desirable. The ratios at present achieved are between 5 and 10 for germanium diodes and between 10 and 15 for silicon diodes. In the measurement of DC characteristics, care must be taken to avoid oscillations and therefore the measuring circuit must have an output resistance smaller than $|R_n|$. The inductance of the circuit must also be strictly controlled because it is additive to L_s . Fig. 13 shows the circuit used for the oscillographic measurement of the AC characteristics and for the manual measurement of the DC characteristics. The output resistance of the circuit is 1.8 ohm. Figs. 14a and 14 b show the characteristic of a diode

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The Tunnel Diode

with $|R_n| > 1.8$ ohm. Fig. 14c shows the characteristic of a diode with $|R_n| < 1.8$ ohm. In this case the characteristic curve is not fully traced because of instantaneous jumps. Fig. 14d shows characteristics rendered useless by oscillations of the diode in the measuring circuit. Fig. 14e shows the characteristic of a reverse rectifier type diode. The tunnel diode can also be used in some simple circuits, such as the simple oscillator shown in Fig. 16a formed by a resistance R_1 of 40-50 ohm, a wire-wound 6 ohm resistor R_2 whose inductance is added to L_s so that the frequency given by this inductance and the junction capacity is smaller than the limiting frequency of the diode. A single battery and the tunnel diode are the further elements of the circuit. The oscillator gives a signal of about 100 mV at a frequency of 5-10 Mc/s. Similarly, a simple bistable circuit is shown in Fig. 17a. This circuit can be switched by a sinusoidal voltage
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The Tunnel Diode

applied to the input. The response of the circuit to a 1 Mc/s sinusoidal input is shown in Fig. 17b. Fig. 17c shows the response to a 3 Mc/s signal. The rise time was measured as 20 m μ sec. The simple circuits, however, are somewhat unstable. The advantages of the tunnel diode are mainly its usefulness for high frequencies, its independence of temperature and radiation, low noise level, the relative ease of manufacture and the probable stability of its characteristics. The difficulties encountered are mainly due to the fact that the tunnel diode is a dipole and therefore stages within a circuit have to be isolated by non-reciprocal elements or other arrangements. There are 17 figures and 14 references: 1 Czech and 13 non-Czech. The four latest English-language references quoted are: Ref. 3 - L. Esaki, Solid State Physics, 1960, p. 514; Ref. 5 - M.E. Hines, Bell System Technical Journal, 1961, Vol. 39, No. 31 Ref. 10 - I.A. Lesk et al, Electrical Engineering, 1960, Vol. 79, No. 4; Ref. 11 - E. Goto, Trans. IRE EC-9, 1960, No. 1.

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2/039/61/022/004/001/003
E024/E335

The Tunnel Diode

ASSOCIATION: Výzkumný ústav matematických strojů, Praha
(Research Institute for Computers, Prague)

SUBMITTED: December 10, 1960

Fig. 13:

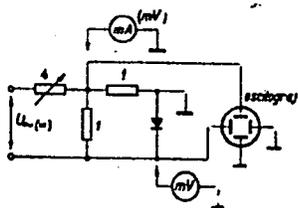
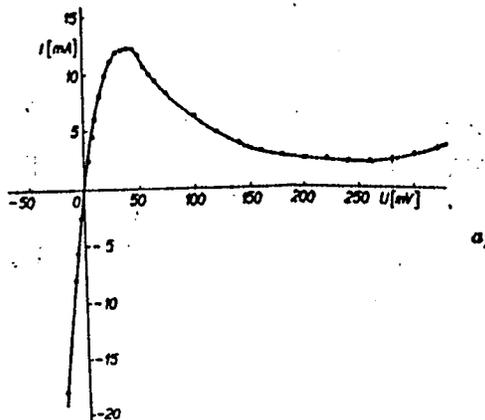


Fig. 14a:



Card 7/10

JANKU, Jan

Logic and memory circuits with tunnel diodes. Slatoproudý
obzor 22 no.10:637-640 0 '61.

JANKU, Jan, inz.

Transistor impulse revolution counter. Automatizace 5 no.1:
24-25 Ja '62.

JANKU, Jan, inz.; MALEC, Zdenek, inz.

Elements for digital automation. Automatizace 5 no.2:34-38,46 F '62.

JANKU, Jan, inz.; MALEC, Zdenek, inz.

Outlook for digital automation. Part 3. Automatizace 5 no.4:98-102
Ap '62.

JANKU, J.; MALEC, Zd.

Use of the characteristic curve of a tunnel diode; selection of the working point of an oscillator. Slaboproudny obzor 23 no.11: 653-655 N '62.

JANKU, Josef, dr.

Sociologic investigation of causes of nonfulfillment of performance standards in the textile industry. Práce mzda 13 no.2:65-74 P '65.

1. Orgatex, Economic Organization and Project Institute of the Cotton Industry, Geska Skalice.

KULCSAR, G.J.; VODNAR, J.; JANKU, L.; KOHAN, J.; HAMBURG, E.

Study on the behavior of coal in the Virzari coal mine in extraction under pressure with solvents. Studia Univ B-B & Chem 8 no.1:457-463 '63

1. "Babes-Bolyai" University, Cluj.

JANKU, M.

Present state and development of fireproofing in Czechoslovakia. p. 147.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia. Vol. 14,
no. 4, April 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

Uncl.

CZECH/3-59-9-28/39

AUTHOR: Janků, Miloš

TITLE: Among the First Ones (Mezi prvními)

PERIODICAL: Křídla Vlasti, 1959, Nr 9, p 19, col 2 and 3 (CSR)

ABSTRACT: Article deals with the contribution of 1,000 Kčs towards the 4th National Glider Championship made by the Glider Tow Station Dvůr Králové nad Labem, which is subordinated to the Hradec Králové Regional Aeroclub.

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APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619510015-3"

JANKU, Z.; VALTEROVA, B.

Isolation of *Pseudomonas aeruginosa* from pathological material in various diseases of childhood & its sensitivity to antibiotics & sulfonamides. *Cesk. pediat.* 14 no.2:158-161 5 Feb 59.

1. Katedra mikrobiologie a patologické anatomie FDL KU v Praze. Z. J., Praha 2, Wejzrigova 20.

(PSEUDOMONAS AERUGINOSA, eff. of drugs on antibiotics & sulfonamides on strains isolated from pediatric dis. (Cz))

(ANTIBIOTICS, eff. on *Pseudomonas aeruginosa* strains isolated from pediatric dis. (Cz))

(PEDIATRIC DISEASES, etiol. & pathogen. *Pseudomonas aeruginosa*, sensitivity of isolated strains to antibiotics & sulfonamides (Cz))

BERVAR, Marjan, sanitetski pukovnik, dr.; JANKULOSKI, Antonije, sanitetski major, dr.; ATANASIJEVIC, Todor, sanitetski kapetan I klase; JEFTIC, Slavko, sanitetski kapetan I klase.

A mobile surgical team of the Military Medical Academy in the Skoplje disaster. Vojnosanit. pregl. 21 no.7:507-509 J1-Ag '64

JANKULOV, J. [Iankulov, I.]

Application of triangular filter paper chromatograms on the alkaloid separation in studying tropical alkaloid plants. Doklady BAN 17 no.2:183-185 '64.

1. Institute of Plant Breeding at the Bulgarian Academy of Sciences, Sofia. Submitted by Academician Chr.Daskalov [Daskalov, Khr.].

JANKUN, A.

Studies on yeasts isolated from Polish fruits. Acta microbiol
Pol 2 no.1:70-77 '53. (HEAL 3:3)

1. Z Zakladu Mikrobiologii Przemyslowej Glownego Instytutu
Przemyslu Rolnego i Spozywczego w Krakowie.
(YEASTS, (FRUITS,
*on fruits) *yeasts on)

JANKUN, A.

"Industrial Use of Yeast Obtained from Fruit of Polish Origin." P. 317,
(PRZEMISL ROLNY I SPOZYWCZY, Vol. 8, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

JANKUN, A.

JANKUN, A.

Research on Currant 1, a yeast strain isolated from the microflora occurring on red currant, p. 45. (ACTA MICROBIOLOGICA POLONICA, Warszawa, Vol. 4, no. 1, 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, Jan. 1955, Uncl.

SWIETOSLAWSKI, W.; BYLICKI, A.; JANKUN, J.

Mutual solubilities of pyridine bases in aqueous solutions of electrolytes. I. Mutual solubilities in the systems: pyridine-sodium hydroxide water and 2,6-lutidine-sodium hydroxide-water. *Bul chim PAN* 9 no.1:7-10 '61. (EEAI 10:9/10)

1. Institute of General Chemistry, Warsaw. Presented by W. Swietoslowski.

(Pyridine)	(Solutions)	(Electrolytes)	(Systems(Chemistry))
(Solubility)	(Sodium)	(Hydroxides)	(Lutidine)

SWIETOSLAWSKI, W.; BYLICKI, A.; JANKUN, J.

Mutual solubilities of pyridine bases in aqueous solutions of electrolytes. I. Mutual solubilities in the systems: pyridine - sodium hydroxide water and 2,6 - lutidine sodium hydroxide - water. Bul chim PAN 9 no.1: 7-10 '61.

1. Institute of General Chemistry, Warsaw.

BYLICKI, A.; JANKUN-PINSKA, J.

Liquid-liquid equilibrium in series of ternary systems formed by pyridine bases, benzene and water. Pt.1. Bul Chim PAN 12 no.12:837-841 '64.

1. Institute of General Chemistry, Warsaw. Submitted October 7, 1964.

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JANKUN-PINSKA, J.

Liquid-liquid equilibrium in series of ternary systems formed by pyridine bases, benzene and water. Pt.2. Bul chim PAN 12 no.12:843-848 '64.

1. Institute of General Chemistry, Warsaw. Submitted October 7, 1964.

JANKY, G.

Remarks on Jenő Jaray's article "Relationship between Microtectonics and Rock Movement." p. 493. Vol. 10, no. 9, Sept. 1955; Banjászati Lapok.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956

JANKY, G.

Instructions for designing buildings to be erected over mines in the Donets Basin.

P. h (A BANYATERV KOMMUNYELI) Budapest Vol. 12, No. 3, Apr. 1956.

SO: Monthly Index of East European Accessions (AEMI) Vol. 6, No. 11 November 1957.

JANNAKOUDIS, Andreas

Application of the Polychromator spectrometer for the analysis of low-grade and high-grade alloy steel during the continuous production process in foundries. Chemia anal 7 no.1:163-169 '62.

1. The Warszawa Foundry Works, Warsaw.

JANOWSKI, R.

diffused from the gas phase to the liquid and the rate of hydrolysis are controlled by the rate of diffusion of the gas into the liquid.

CA JANOK, Jan

An osmometric study of cations. Jan Janok (Slovak Tech. Univ., Bratislava). *Chem. Zvesti* 4, 299-305 (1950); cf. Stehlik and Tisak (C.A. 44, 7218c).—The rush no. of a metallic cation is greater, the greater the charge. At the same charge it is directly proportional to the square root of its at. wt. and inversely proportional to the square root of the mol. wt. of the alc. These relations are discussed from the point of view of the kinetic theory. J. M.

1951

JANOK, J.

Organic phosphorus insecticides (J. Janok and St. Liška (Oblastný ústav hyg. práce, Brno, Czech.). *Pracovní Lékařství* 7, 273-8 (1955).—Cholinesterase (I) was detd. in 35 plasma and 22 erythrocyte samples by 3 different methods. The possibility of using the I test in the toxicology of parathion is discussed. 52 references. L. J. Urbánek

JANOK, J

6

chem

Condensation method for determining petroleum hydrocarbons in the air. V. Podolák, J. Janok, and J. Kunc (Oblastní Ústav Hyg. Píseň, Píseň, Czech.). *Průmysl Lékařství* 8, 121-3 (1958).—Method and app. are described for detg. the total sum of gaseous hydrocarbons after removing water with CaCl₂ by weighing their condensate in glass containers cooled by solid CO₂ in MeOH. The mean error is 4.8% at a speed of suction of 1 l./6 min. and 0.5% at a rate of 1 l./10 min. L. J. Urbánek

PM

JANOK, Jan, RNDr.; KEMKA, Rudolf

Organic phosphorus insecticides. II. Enzymatic determination of small quantities of organic phosphorus insecticides in air. Pracovni lek. 8 no.4:296-298 Aug 56.

1. Oblastny ustav hyg. prace a chorob z povolania v Bratislave, predn. MUDr. I. Klucik.

(INSECTICIDES, determination,
phosphates in air, enzymatic method (Cz))
(PHOSPHATES, determination,
insecticides, in air, enzymatic method (Cz))
(AIR POLLUTION,
by phosphate insecticides, determ., enzymatic
method (Cz))

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CIA-RDP86-00513R000619510015-3"

CZECHOSLOVAKIA/Chemical Technology - Chemical
Products and Their Applications --
Pesticides.

I-7

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8857
Author : Janok, J., and Kemka, R.
Inst :
Title : The Enzymatic Determination of Small Amounts
of Insecticidal Organophosphorus Compounds.
Orig Pub : Chem. zvesti, 1956, 10, No 3, 177-182.
Abstract : A method is described for the determination
of small amounts of paration preparations (I),
based on the inhibiting effect of the latter on
the action of chlolineesterase (CE). The in-
hibiting effect of I to a large extent depends
on the source and purity of the CE. The method
has been tested in a district where trace

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CZECHOSLOVAKIA/Chemical Technology - Chemical
Products and Their Applications --
Pesticides.

I-7

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8857

amounts of I were found after spraying with
"ekatoks 20" preparation and is recommended
for the investigation of the toxicity of
organophosphorus compounds in conjunction
with the application of more sensitive
chemical methods.

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